

**What is claimed is:**

1           1. A seat for mounting a motor controller for a  
2 heat-dissipating device having a base, comprising a main  
3 body mounting on the base of the heat-dissipating device  
4 and having a slot to secure the motor controller.

1           2. The seat as claimed in claim 1, wherein the  
2 seat is substantially square.

1           3. The seat as claimed in claim 2, wherein the  
2 slot is shaped according to the profile of the motor  
3 controller and is formed in the central portion of the  
4 seat.

1           4. The seat as claimed in claim 1, wherein the  
2 seat has at least one hook to secure the seat on the base  
3 of the heat-dissipating device.

1           5. The seat as claimed in claim 1, wherein the  
2 seat is formed by a plurality of positioning pillars.

1           6. The seat as claimed in claim 5, wherein the  
2 positioning pillars have U-shaped cross sections  
3 respectively and are separated according to the profile  
4 of the motor controller.

1           7. The seat as claimed in claims 1 or 6, wherein  
2 the seat is mounted on, adhered to, or integrally formed  
3 on the base.

1           8. A heat-dissipating device, comprising:  
2 a base;

3 a stator disposed on the base;  
4 a rotor surrounding the stator and coupled to the  
5 stator;  
6 a motor controller driving and controlling the heat-  
7 dissipating device; and  
8 a seat mounted on the base and having a slot to  
9 secure the motor controller.

1 9. The seat as claimed in claim 8, wherein the  
2 seat is substantially square.

1 10. The seat as claimed in claim 9, wherein the  
2 slot is shaped according to the profile of the motor  
3 controller and is formed in the central portion of the  
4 seat.

1 11. The seat as claimed in claim 8, wherein the  
2 base has a plurality of holes, and the seat has a  
3 plurality of hooks engaging the holes and securing the  
4 seat on the base.

1 12. The seat as claimed in claim 8, wherein the  
2 seat is formed by a plurality of positioning pillars.

1 13. The seat as claimed in claim 12, wherein the  
2 positioning pillars have U-shaped cross sections  
3 respectively and are separated according to the profile  
4 of the motor controller.

1 14. The seat as claimed in claim 8, wherein the  
2 seat is mounted on, adhered to, or integrally formed on  
3 the base.

1           15. The seat as claimed in claim 8, wherein the  
2 motor controller has a plurality of pins with broadened  
3 contacts to which a plurality of wires of an external  
4 device are connected.

1           16. The seat as claimed in claim 9, wherein the  
2 motor controller is an integrated circuit to control the  
3 heat-dissipating device and detect the phase change of  
4 magnetic poles of the stator.

1           17. A heat-dissipating device, comprising:  
2 a base;  
3 a stator disposed on the base;  
4 a rotor surrounding the stator and coupled to the  
5 stator;  
6 a motor controller driving and controlling the heat-  
7 dissipating device; and  
8 a seat mounted on the stator and having a slot to  
9 secure the motor controller.

1           18. The seat as claimed in claim 17, wherein the  
2 stator has a cover portion, and the seat is mounted  
3 thereon.

1           19. The seat as claimed in claim 18, wherein the  
2 seat is formed by a plurality of positioning pillars  
3 disposed on the cover portion.

1           20. The seat as claimed in claim 19, wherein the  
2 positioning pillars have U-shaped cross sections  
3 respectively and are separated according to the profile  
4 of the motor controller.

1           21. The seat as claimed in claim 18, wherein the  
2 seat is mounted on, adhered to, or integrally formed on  
3 the cover portion.

1           22. The seat as claimed in claim 17, wherein the  
2 motor controller has a plurality of pins with broadened  
3 contacts to which a plurality of wires of an external  
4 device are connected.

1           23. The seat as claimed in claim 17, wherein the  
2 motor controller is an integrated circuit to control the  
3 heat-dissipating device and detect the phase change of  
4 magnetic poles of the stator.